

PARALOVA, M.

KOSOVA, V.; PARALOVA, M.

Content of essential oils in *Achillea millefolium* L. Cesk. farm.
3 no.7:228-231 Sept 54.

1. Z farmakognostického ustavu farmaceutické fakulty v Brně.

(PLANTS,

Achillea millefolium essential oils in)

(OILS,

volatile, in *Achillea millefolium*)

PARALUTA, Mihai, candidat in stiinte economice

State economic role in the stage of socialist construction completion.
Problems econ 15 no.12:35-47 D '62.

PARALYUSH, N. (Kiyev)

Members of the factory aeronautics club. Kryl.rod. 11 no.1:16
Ja '60. (MIRA 13:5)

1. Nachal'nik aerokluba Kiyevskogo mashinostroitel'nogo zavoda.
(Kiev--Aeronautics)

1ST AND 2ND COPIES

PROCESSING AND PROPERTIES INDEX

CA

RECOVERY OF LANOLIN BY EXTRACTION FROM THE WASTE WATERS OF WOOL SCOURING. M. Seryakov and N. Pyramanova. *Moskovskoe Zhitel'stvo* No. 6, 39-40 (1934); *Chemie & Industrie* 32, 1400. -- H₂SO₄ is added to the weakly alk. waters to an acidity of 0.1-0.2%; the liquor is acid. with gasoline vapor in a special autoclave for 40 min. at atm. pressure, and then for 15-20 min. at a pressure of 4 atm. The resultant emulsion seps. into 3 layers. The bottom aq. layer (contg. about 0.1% fat) is discarded, the upper layer is distd. to recover gasoline and lanolin, and the intermediate layer is subjected to a further purification treatment. Up to 97.8% of the lanolin present in the waste water is thus recovered, with simultaneous purification of the waters. A. Papineau-Couture

ASSN. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION

6-27-72

SECTION	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	SECTION 6	SECTION 7	SECTION 8	SECTION 9	SECTION 10	SECTION 11	SECTION 12	SECTION 13	SECTION 14	SECTION 15	SECTION 16	SECTION 17	SECTION 18	SECTION 19	SECTION 20	SECTION 21	SECTION 22	SECTION 23	SECTION 24	SECTION 25	SECTION 26	SECTION 27	SECTION 28	SECTION 29	SECTION 30	SECTION 31	SECTION 32	SECTION 33	SECTION 34	SECTION 35	SECTION 36	SECTION 37	SECTION 38	SECTION 39	SECTION 40	SECTION 41	SECTION 42	SECTION 43	SECTION 44	SECTION 45	SECTION 46	SECTION 47	SECTION 48	SECTION 49	SECTION 50	SECTION 51	SECTION 52	SECTION 53	SECTION 54	SECTION 55	SECTION 56	SECTION 57	SECTION 58	SECTION 59	SECTION 60	SECTION 61	SECTION 62	SECTION 63	SECTION 64	SECTION 65	SECTION 66	SECTION 67	SECTION 68	SECTION 69	SECTION 70	SECTION 71	SECTION 72	SECTION 73	SECTION 74	SECTION 75	SECTION 76	SECTION 77	SECTION 78	SECTION 79	SECTION 80	SECTION 81	SECTION 82	SECTION 83	SECTION 84	SECTION 85	SECTION 86	SECTION 87	SECTION 88	SECTION 89	SECTION 90	SECTION 91	SECTION 92	SECTION 93	SECTION 94	SECTION 95	SECTION 96	SECTION 97	SECTION 98	SECTION 99	SECTION 100
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DEMENT'YEV, B.A., kand. tekhn. nauk; BERESHIN, V.K., inzh.; RYABOV,
V.M., inzh.; PARAMESVARAN, M.P., inzh.

Study of laws governing phase distribution in a water and
steam mixture under nonsteady conditions. Trudy MEI
no.63:183-192 '65. (MIRA 18:12)

PARAMEY, V., kand.med.nauk

"Hygiene of vision in school children" by E.M.Belostotskaia.
Reviewed by V.Paramei. Oft. zhur. 16 no.4:254 '61. (MIRA 14:7)
(EYE--CARE AND HYGIENE) (BELCSTOTSKAIA, E.M.)

PARAMEY, V.T., kand.med.nauk

Comparative data on the antibacterial properties of some eye drops.
Oft. zhur. 15 no. 6:349-352 '60. (MIRA 13:10)

1. Iz kafedry glaznykh bolezney (zav. - dotsent T.V. Shlopak) i
kafedry mikrobiologii (zav. - prof. T.I. Ivanova) Stanislavskogo
meditsinskogo instituta.

(BACTERIA, EFFECT OF DRUGS ON) (EYE)

PARAMEY, V.T., kand. med. nauk; KOZLOV, A.T.

Cataract cryoextractor of a new design. Vest. oft. 76
no.3:66-67 My-Je '63. (MIRA 17:2)

1. Kafedra glaznykh bolezney Grodnenskogo meditsinskogo
instituta.

PARAMY, V.T., kandidat meditsinskikh nauk

Peripheral vision in brain tumors. Vrach.delo no.2:131-133 P '57.
(MLRA 10:6)

1. Kafedry glaznykh i nervnykh bolezney L'vovskogo meditsinskogo
instituta.

(BRAID--TUMORS) (SIGHT)

PARAMEY, V. T.

"Disturbances in the Visual Analyser During Brain Tumors." Cand Med Sci,
L'vov Medical Inst, L'vov , 1953. (RZhBiol, No 7, Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (12)

SO: Sum. No. 556, 24 Jun 55

PARAMEY, V.T.

Wound processes of the eyes in guinea pigs irradiated with
moderate doses of roentgen rays. Vest. oft. 73 no. 1:36-38
Ja-F '60. (MIRA 14:1)
(EYE—WOUNDS AND INJURIES) (X RAYS—PHYSIOLOGICAL EFFECT)

PARAMONENKOVA, A.Ye., BRUDNIKOVA, M.B., KHANIN, S.G., and KIRVEL, M.M:

"Effectiveness of Dried Live NIIEG Tularemia Vaccine Being Turned Out
by IEM," a monograph extract Effect of Vaccination Against Tularemia, 1953
p. 143

Translation ^D 568409

ARKHIPOVA, Z.V.; SEMENOVA, A.S.; PARAMONKOV, Ye.Ye.; NALIVAYKO, Ye.I.;
LEYTMAN, M.I.

Determination of the solubility of polyethylene in hydrocarbons
and of the dynamic viscosity of the solution obtained. Plast.massy
no.2:61-65 '61. (MIRA 14:2)
(Polyethylene) (Hydrocarbons) (Solution (Chemistry))

SEMENOVA, A.S.; PARAMONKOV, Ye.Ye.; FEDOTOV, B.G.; GOL'DENBERG,
A.I.; IL'CHENKO, P.A.; CHAPLINA, A.M.; SKURIKHINA, V.S.;
SAZHIN, B.I.; MATVEYEVA, Ye.N.; KOZOLA, A.A.; DYN'KINA,
G.M.; SIROTA, A.G.; RYBIKOV, Ye.P.; GERBILSKIY, I.S.;
SHCHUTSKIY, S.V., red.; SHUR, Ye.I., red.

[Medium pressure polyethylene] Polietilen srednego davlenia.
Moskva, Khimiia, 1965. 89 p. (MIRA 18:7)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh
plastmass (for all except Shchutskiy, Shur).

89921

15.8500

2209

S/191/61/000/002/011/012
B124/B204

AUTHORS: Arkhipova, Z. V., Semenova, A. S., Paramonkov, Ye. Ya.,
Nalivayko, Ye. I., Leytman, M. I.

TITLE: Determination of the solubility of polyethylene in hydrocarbons and of the dynamic viscosity of the solutions obtained

PERIODICAL: Plasticheskiye massy, no. 2, 1961, 61-65

TEXT: It was the purpose of the present paper to investigate the solubility of polyethylene in various solvents, the dependence of the solution temperature of polyethylene on its molecular weight and the concentration of the solution, as well as to measure the dynamic viscosity of the solutions obtained and their filtering velocity. The solubility of polyethylene was determined from the turbidity of a solution of given concentration during observation in transmitted light by means of the device, developed by V. N. Dyn'ko, whose schematical drawing is shown in Fig. 1. The polymer weighed portion is conveyed into the steel container 1 and, after the

Card 1/9

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Determination of the solubility...

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B124/B204

addition of a measured quantity of solvent, the lid, which is sealed by fluoroplast, is closed. The tightness of the apparatus was checked with the gas valve closed by increasing the nitrogen pressure to 7-8 atmospheres excess pressure. From an ultrathermostat, the heat-transmitting medium is conveyed into jacket 9, the valve is partly opened, and the solvent and the polymer are mixed by means of bubbling-through N_2 . The temperature was measured by means of a thermocouple, which was connected with a portable potentiometer; the measuring accuracy was $\pm 0.5^\circ C$. The light from lamp 10 passed quartz windows 7 and incided upon the mirror 8 from which it was reflected. The solution obtained was $20-25^\circ C$ above solution temperature; when the solution was cooled, a distinct turbidity occurred, which continued to increase with dropping temperature. The temperature at which the first slight turbidity occurred was taken as solution temperature. The dynamic viscosity of the polymer solutions was measured by means of the Heller viscosimeter from formula $\mu = \tau(d_s - d_{sol}) \cdot K$, where μ is the viscosity, τ - the time of the fall of the sphere, d_s the density of the sphere, d_{sol} the

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B124/B204

Determination of the solubility...

density of the solution, and K the constant of the sphere. The measuring error is 3%. The density of polyethylene was determined in the laboratory of B. I. Sazhin. The solution temperatures of polyethylene, obtained by means of CrO_3 -catalysts, in various solvents are given in Table 1. With an increase of temperature, the solution time of polyethylene in hydrocarbons decreases, and when polyethylene concentration in the solution is changed, also the temperature of the quantitative dissolution changes (Table 2). With increasing molecular weight of polyethylene, its solution temperature increases linearly with intrinsic viscosity. The temperature dependence of the concentration of low-molecular polyethylene which remains in solution when cooled, is shown by Fig. 4, the dependence of the dynamic viscosity of the polyethylene solutions in synthol on the intrinsic viscosity is shown by Fig. 5. Professor Ye. V. Kuvshinskiy is thanked. There are 9 figures, 2 tables and 3 references: 2 Soviet-bloc and 1 non-Soviet-bloc.

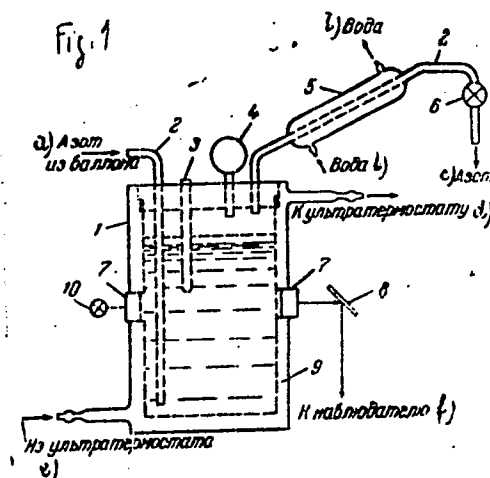
Card 3/9

89921

S/191/61/000/002/011/012
B124/B204

Determination of the solubility...

Legend to Fig. 1: Device for determining the solubility of polyethylene: 1) steel container, 2) connecting tube for nitrogen, 3) jacket for thermocouple, 4) manometer, 5) cooler, 6) valve, 7) quartz window, 8) mirror, 9) jacket, 10) lamp, a) nitrogen from bomb, b) water, c) nitrogen, d) to ultrathermostat, e) from ultrathermostat, f) to observer.



Card 4/9

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B124/B204

Determination of the solubility...

Legend to Table 1: Dissolution temperature of polyethylene in various solvents (concentration 12.5 g/l); 1) solvent, 2) boiling point, 3) polyethylene, 4) dissolution temperature of solvent (η) 135° decaline dl/g, 5) n-hexane, 6) n-heptane, 7) n-octane, 8) iso-octane, 9) nonane, 10) n-decane, 11) and 12) extraction benzine, 13) benzine "Galosha", 14) synthol, 15) benzene, 16) toluene, 17) xylene (m-, o-, p-), 18) cyclohexane, 19) decaline, 20) tetraline, 21) carbon tetrachloride.

Таб. 1	Растворитель 1	Температура кипения растворителя, °C 2	Полнота растворения 135° 3	Температура растворения, °C 4
	н-Гексан 5	68,7	1,6	92,5
	н-Гептан 6	98,4	1,6	94,0
	н-Октан 7	125,7	1,6	94,5
	Изооктан 8	99,2	1,6	98,5
	Нонан 9	150,7	1,8	97,5
	н-Декал 10	174,1	1,8	99,0
	Бензин экстракционный . . . 11	75-95	1,6	92
	То же 12	75-95	2,0	93
	Бензин «Галоса» 13	80-120	1,6	93,5
	Синтол 14	120-180	1,6	96
	Бензол 15	80,1	1,6	81
	Толуол 16	110,6	1,6	84
	Ксилол (м-, о-, п-) 17	139	2,0	85,5
	Циклогексан 18	80,7	1,6	81
	Циклогексан 19	80,7	1,85	82
	Декалин 20	191,7	1,6	85
	Тетралин 21	207,5	1,6	84
	Четыреххлористый углерод . 22	76,7	1,85	73

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Determination of the solubility...

Legend to Table 2: Dissolution temperatures of polyethylene $[\eta]$ 135° decaline = 1.3-1.6 at various concentrations of the solutions. 1) solvent, 2) concentration, g/l, 3) dissolution temperature, °C, 4) cyclohexane, 5) toluene, 6) extraction benzene.

S/191/61/000/002/011/012
B124/B204

Tab. 2

Растворитель 1	Концентрация, г/л 2	Температура растворения, °C 3
Циклогексан 4	12,5	81
	25,0	82
	36,0	81
Толуол 5	6,2	82
	12,5	84
	50,0	87,5
	75,0	89,0
Экстракционный бензин 6	12,2	92,5
	24,5	94,5

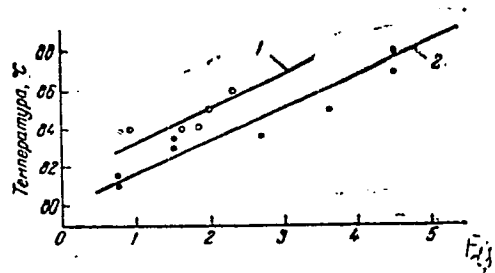
Card 6/9

89921

Determination of the solubility...

Legend to Fig. 3: Dependence
of polyethylene dissolution
temperature on its molecular
weight..

S/191/61/000/002/011/012
B124/B204

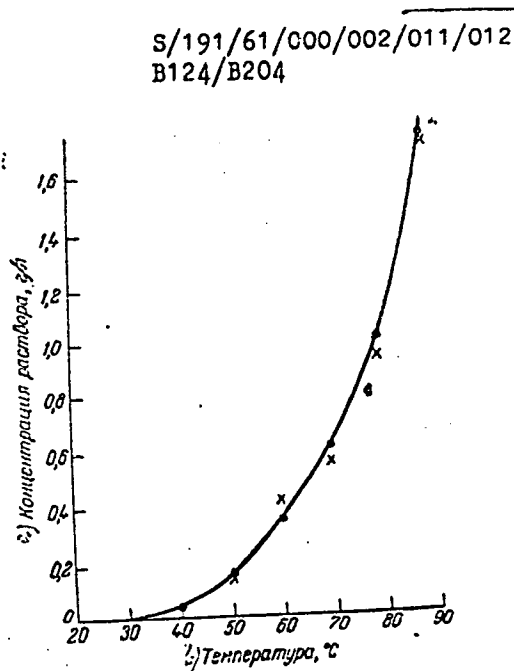


Card 7/9

89921.

Determination of the solubility...

Legend to Fig. 4:
Dependence of the concentration of low-molecular polyethylene which remains in solution when cooled, on temperature. a) concentration of the solution g/l, b) temperature, °C.



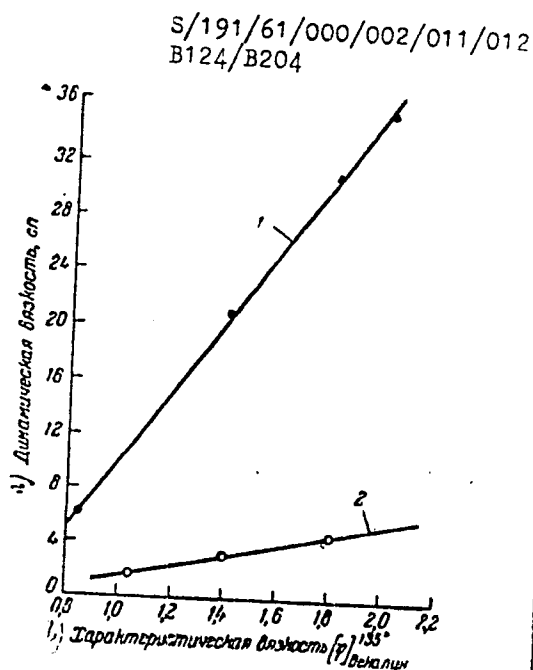
Card 8/9

89921

Determination of the solubility...

Legend to Fig. 5: Dependence of the dynamic viscosity of the polyethylene solutions on the intrinsic viscosity. Solvent: synthol; temperature 140°. Concentration: 1 40 g/l, 2 20 g/l.
a) dynamic viscosity, cp
b) intrinsic viscosity [η] 135° decaline.

Card 9/9



PARAMONKOVA, G.V.

5(5) P. - NAME: G. V. PARAMONKOVA
Publication of articles (low-pressure polyethylene) (Leningrad, Nauka Press, 1975. 90 p. (series: Soviet scientific papers) 10,000 copies printed.
M. (Title page): G.M. Yegorov M. (Inside book): Ye. I. Smirnov, M., M., Ye. Ye. Mikhlin.

Summary: This booklet is intended for mechanical, electrical and technical in chemistry, petroleum technology, food, pharmaceuticals, electrical engineering, heavy engineering, radio engineering, automobile manufacturing, light engineering, aviation, communications, machine- and shipbuilding, materials, construction and other branches of industry employing plastic materials.

Contents: The booklet describes a new material: polyethylene produced at low pressure. The industrial preparation and properties are described along with methods of making articles from this material and its application in building technology, medicine and other branches of science. The booklet was compiled by personnel of the Scientific Research Institute for Polymerized Plastics.

Ch. I: I.S. Andreyev, Ye. M. Anichkin, Ye. V. Arshinov, I.P. Lashnev, Ye. V. Smolin, S.M. Shilov, and P.M. Rubakov; Ch. II: I.S. Andreyev, Ye. M. Anichkin, Ye. V. Arshinov, I.P. Lashnev, Ye. V. Smolin, S.M. Shilov, and P.M. Rubakov; Ch. III: I.S. Andreyev, Ye. M. Anichkin, Ye. V. Arshinov, I.P. Lashnev, Ye. V. Smolin, S.M. Shilov, and P.M. Rubakov. There are no references.

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Polymerization
Working polyethylene from catalyst residues and regenerating
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Ch. II. Properties of Polyethylene

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Mechanical properties
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Electrical properties
Radiation resistance and dielectric loss
Stability and electrical strength
Aging of low-pressure polyethylene

Ch. III. Manufacture of Polyethylene Articles and Their Fields of Application

Extrusion method of processing
Extrusion of membranes with polyethylene lamination
Pressing low-pressure polyethylene by press forming
Applying protective coatings of low-pressure polyethylene to metal parts by fusion
Pressing plates and pipes of low-pressure polyethylene and the
formation of sheets (bending operations)
Welding plates and pipes
Welding plates and pipes on flanges
Length-wise welding of sheets of low-pressure
polyethylene for ventilation and other purposes
Welding low-pressure polyethylene sheets and plates to a given angle
Welding low-pressure polyethylene parts with a rod and employing a
stream of hot air or nitrogen

Selection of articles from low-pressure polyethylene
Fields of application of low-pressure polyethylene

APPENDIX. Library of Congress

58/100
5-85-59

ANDREYEVA, I.N.; ARKHIPOVA, Z.V.; VESELOVSKAYA, Ye.V.; LEVINA, A.A.;
ANTOKOL'SKAYA, Ye.M.; LAZAREVA, N.P.; SAZHIN, B.I.; KHIN'KIS,
S.S.; SHCHERBAK, P.N.; GERBIL'SKIY, I.S.; LYANDZBERG, G.Ya.;
PARAMONKOVA, G.V.; PECHENKIN, A.L.; YEGOROV, N.M., obshchiy
red.; SHUR, Ye.I., red.; ERLIKH, Ye.Ya., tekhn.red.

[Low-pressure polyethylene] Polietilen nizkogo davleniya.
Leningrad, Gos.nauchno-tekhn.izd-vo khim.lit-ry, 1958. 90 p.
(Polyethylene)

PARAMONKOVA, L.D.
YEGOROV, K.P.; PARAMONKOVA, L.D.

Ministure transformers for equipment of multichannel communications.
Elektrosviaz' 12 no.2:51-58 F '58. (MIRA 11:2)
(Electric transformers)

Sov/106-58-2-7/16

AUTHORS: Yegorov, K.P. and Paramonkova, L.D.

TITLE: Miniature Transformers for Multi-channel Communication Apparatus (Malogabaritnyye transformatory dlya apparatury mnogokanal'noy svyazi)

PERIODICAL: Elektrosvyaz', 1958, Nr 2, pp 51 - 58 (USSR).

ABSTRACT: This work is the result of meeting transistor circuit requirements using new magnetic materials and was carried out at one of the NII MRTP. The fundamental formula on which the reduction in dimensions is based is $V^{2/3} = \tau / c\mu$, where V is the core volume, μ is the permeability of the materials and c is a constant. The core materials considered are the high-nickel permalloys 79NM, 80NKhS and 79NM'A" having initial permeabilities between 15 000 and 30 000 gauss/Oe and ferrites with figures of 1 000 to 2 000. The winding wires used have been types PEL and PEV with a diameter over the copper of 50 μ and more. The theoretical basis for the optimum choice of core dimensions has been provided by Prof.G.S.Tsykin. Table 1 shows the dimensions of the laminations (unequal E's) and ferrite cores (equal E's) which have been used. The side dimension varies from 8 to 20 mm. Table 2 shows dimensions of most commonly used core assemblies. Figures 1 and 2 show the Card1/2 component parts and assemblies potted in epoxy-resin. Figure 3

Miniature Transformers for Multi-channel Communication Apparatus Sov/106-58-2-7/16

shows the startling reduction in size possible when replacing a transformer of the SMT-35 system (1935-1939) with a modern unit. Figures 4, 5, 6 and 7 shows the responses of several transformers over the range 0.2 to 6 kc/s and 10 to 100 kc/s for various values of direct current. The high-frequency response of these units is in general very good because the stray capacitance is small and the leakage coefficient is typically about 0.001. A comparison is made between various core materials as far as third harmonic distortion is concerned. There are 7 figures, and 2 tables.

SUBMITTED: 1. Communications systems--USSR 2. Transformers--Applications
Card 2/2 3. Magnetic materials--Applications 4. Transistors--Circuits

ANDREYEVA, I.N.; ARKHIPOVA, Z.V.; VESKLOVSKAYA, Ye.V.; LEVINA, A.A.;
ANTOKOL'SKAYA, Ye.M.; LAZAREVA, N.P.; SAZHIN, B.I.; KHIN'KIS,
S.S.; SHCHERBAK, P.N.; GERBIL'SKIY, I.S.; LYANDZBERG, G.Ye.;
PARAMONKOVA, T.V.; PECHENKIN, A.L.; YEGOROV, N.M., red.;
SHUR, Ye.I., red.; FOMKINA, T.A., tekhn.red.

[Low-pressure polyethylene] Polietilen nizkogo davleniya.
Izd.2., ispr. 1 dop. Leningrad, Gos.nauchno-tekhn.izd-vo
khim.lit-ry, 1960. 95 p. (MIRA 14:1)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh plast-
mass (for all, except Yegorov, Smur, Fomkina).
(Polyethylene)

YEVSEYEV, M.Ye.; LAMAGIN, K.A.; MERKIN, G.B.; MOROZOVA, I.A.;
ORANSKIY, M.I.; PARAMONKOVA, V.I.; KAZARNOVSKIY, D.M.,
prof., retsenzent; GOL'DIN, O.Ye., dots., retsenzent;
PINES, G.Ya., dots., retsenzent; VOL'PE, L., red.

[Alternating current theory; manual on the solution of
problems in the theoretical principles of electrical
engineering] Teoriia peremennykh tokov; posobie k re-
sheniiu zadach po teoreticheskim osnovam elektro-
tekhniki. [By] M.E.Evseev i dr. Leningrad, Severo-
Zapadnyi zaachnyi politekhn. in-t. Pt.2. 1964. 337 p.
(MIRA 18:7)

1. Kafedra "Teoreticheskiye osnovy elektrotekhniki"
Leningradskogo elektrotekhnicheskogo instituta svyazi
im. Bonch-Bruyevich (for Gol'din, Pines).

PARAMONOV, A., prof.; YEREMENKO, V., dots.

Reduce losses in onion and garlic. Sov.torg. no.5:43-44
My '59. (MIRA 12:7)
(Garlic) (Onions--Diseases and pests)

PARAMONOV, A.

"Principles of biology, ed. by W. Dorfman and A. Paramonov" (p. 183) Rev. by Salkind, S. J.

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XII, No. 1, 1940

PARAMONOV, A., inzhener-polkovnik

Aviation mechanics. Av.i kosm. 45 no.7:79-84, '62. (MIRA 15:8)
(Airplanes, Military---Maintenance and repair)

PARAMONOV, A

AID P - 964

Subject : USSR/Aeronautics
Card 1/1 Pub. 135 - 8/21
Authors : Paramonov, A., Guards Eng. Lt. Col., and Shpilev, K.,
Engineer Major
Title : Engineering-technical safeguarding of night flying
Periodical : Vest. vozd. flota, 12, 40-44, D 1954
Abstract : The author enumerates conditions of ensuring the safety
night flights. He specifies the duties of various branches
of the services, gives examples of night flying organiza-
tion in units, and mentions some names.
Institution : None
Submitted : No date

A. A. Paramonov

11/5
661.1
.141
1955

Smety I Otchetnost' V Dorozhnom Stroitel'stve

(Estimates and Accounting in Highway Construction, by)

A. A. Paramonov i V. K. Nekrasov

Izd. 2., Perer. Moskva, Avtotransizdat, 1955.

179 p. Tables.

Subject : USSR/Aeronautics - training

AID P - 4732

Card 1/1 Pub. 135 - 13/23

Author : Paramonov, A. A., Eng.-Lt. Col.

Title : Young engineer arrived in the unit

Periodical : Vest. vozd. flota, 7, 68-70, J1 1956

Abstract : The author describes how the commanders and superiors should help and correct the young engineers, who just arrived in the unit, in their everyday routine work. The article is of informative value.

Institution : None

Submitted : No date

PARAMONOV, A.A.; TRUBACHEV, T.Ye.

Developing repair bases for electric and diesel locomotives.
Zhel.der.transp.37 no.4:16-23 Ap '56. (MLHA 9:7)

1.Nachal'nik Glavnogo upravleniya lokomotivremontnymi i vagoneremontnymi zavedami Ministerstva putey soobshcheniya (for Paramonov).2.Nachal'nik otдела promyshlennykh predpriyatiy Planovo-ekonomicheskogo upravleniya Ministerstva putey soobshcheniya (for Trubachev).
(Electric locomotives--Repairs) (Diesel locomotives--Repairs)

PARAMONOV, A.A., inzhener-podpolkovnik.

A young engineer has arrived in the unit. Vest.Vozd.Fl. 39 no.7:68-70
Jl '56. (MIRA 10:1)
(Aeronautics, Military--Study and teaching)

PARAMONOV, A.A., prof., doktor biol. nauk; KHARICHKOVA, M.V., kand. biol. nauk.

Causative agents of phytohelminthiases in potato tubers and onions
in Moscow Province. Trudy VIGIS 5:195-213 '53. (MIRA 11:1)
(Moscow Province--Nematoda) (Potatoes--Diseases and pests)
(Onions--Diseases and pests)

PARAMONOV, A.A.; TETEREV, B.X.

Strengthening the production base for repair of locomotives and cars. Zhel.dor.transp. 39 no.11:51-57 N '57. (MIRA 10:10)

1. Nachal'nik Glavnogo upravleniya po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastey (for Paramonov). 2. Glavnyy inzh. Glavnogo upravleniya po remontu podvizhnogo sostava i proizvodstvu zapasnykh chastey (for Teterev)

(Locomotives--Maintenance and repair)

(Railroads--Cars--Maintenance and repair)

PARAMONOV, A.A.

Method of thermal staining of nematodes by polychrome blue.

Sbor. rab. po nemat. sel'khoz. rast. no. 5:128-129 '62. (MIRA 17:5)

1. Gel'mintologicheskaya laboratoriya AN SSSR, Moskva.

PARAMONOV, A.A.

Overall mechanization and automation in the repair of rolling stock.
Zhel. dor. transp. 47 no.7:44-50 J1 '65. (MIRA 18:7)

1. Nachal'nik Glavnogo upravleniya po remontu podvizhnogo sostava i
proizvodstvu zapasnykh chastei.

PARAMONOV, Aleksandr Aleksandrovich, doktor biol. nauk; SKRYABIN,
K.I., akademik, otv. red.; TURLYGINA, Ye.S., red.

[Principles of phytohelminthology] Osnovy fitogel'mintologii. Moskva, Nauka. Vol.2. [Sectional taxonomy of phytonematodes] Chastnaia taksonomiia fitonematod. 1964. 445 p. (MIRA 17:10)

1. Gel'mintologicheskaya laboratoriya AN SSSR (for Paramonov).

PARAMONOV, A.A.; SHIKHOBALOVA, N.P.

Konstantin Ivanovich Skriabin. Izv. AN SSSR Ser. biol. no.2:
332-334, Mar-Apr '64 (MIRA 17:3)

PARAMONOV, A.A.

Theory and practice of phytohelminthology. Izv. AN SSSR Ser. biol.
29 no.1:114-121 Ja-F'64 (MIRA 17:3)

1. Helminthological Laboratory, Academy of Sciences of the
U.S.S.R., Moscow.

SHIKHOBALOVA, P.P., otv. red.; YERSHOV, V.S., red.; PARAMONOV,
A.A., red.; POD'YAPOL'SKAYA, V.P., red.; RYZHIKOV, K.M.,
red.; IVASHKIN, V.M., red. izd-va; TIKHOMIROVA, S.G.,
tekhn. red.

[Helminths in man, animals and plants and their control;
on the 85th birthday of Academician Konstantin Ivanovich
Skriabin] Gel'minty cheloveka, zhivotnykh i rastenii i
bor'ba s nimi; k 85-letiiu akademika Konstantina Ivanovich
Skriabina. Moskva, Izd-vo AN SSSR, 1963. 523 p.

(MIRA 16:12)

1. Vsesoyuznoye obshchestvo gel'mintologov. 2. Vsesoyuznyy
institut gel'mintologii im. akad. K.I. Skryabina (for Yershov).
3. Institut meditsinskoy parazitologii i tropicheskoy me-
ditsiny im. Ye.I. Martsinovskogo (for Pod'yapol'skaya).
4. Gel'mintologicheskaya laboratoriya AN SSSR (for Paramonov,
Ryzhikov). (Worms, Intestinal and parasitic)

PARAMONOV, A.A., doktor biolog.nauk

Plant helminthology, its subject matter problems. Vest.AN SSSR
33 no.2:56-59 P 1963. (MIRA 16:2)
(Nematode diseases of plants)

PARAMONOV, A.A., doktor biolog.nauk

Urgent problems of plant helminthology. Zashch.rast.ot vred.i bol
4 no.6:25-28 N-D '59. (MIRA 15:11)
(Nematode diseases of plants)

PODSHIVALOV, Boris Dmitriyevich; KOCHUROV, Pavel Mikhaylovich; PLAVINSKIY,
Yuriy Eduardovich; MALOZEMOV, N.A., doktor tekhn. nauk, retsenzent;
PARAMONOV, A.A., inzh., retsenzent; PAVLUSHKOV, E.D., inzh., red.;
KISELEVA, N.P., inzh., red.; KHITROV, P.A., tekhn. red.

[Production organization in diesel locomotive repair plants] Organi-
zatsiya proizvodstva na teplovozemontnykh zavodakh. Moskva, Vses.
izdatel'sko-poligr.ob"edinenie M-va putei soobshcheniya, 1961. 189 p.
(MIRA 14:12)

(Diesel locomotives--Repairs) (Railroads--Repair shops)

ABRIKOSOV, G.G.; BANNIKOV, Andrey Grigor'yevich; BEKKER, E.G.;
BOBRINSKIY, Nikolay Alekseyevich; LEVINSON, L.B.; MATVEYEV,
Boris Stepanovich, prof.; PARAMONOV, A.A.; PETROVSKAYA, L.P.,
red.izd-va; YEZHOVA, L.L., tekhn.red.

[Zoology course in two volumes] Kurs zoologii v dvukh tomakh.
Pod red.B.S.Matveeva. Izd.6. Moskva, Gos.izd-vo "Vysshaya shkola."
Vol.1. [Invertebrate zoology] Zoologiya bespozvonochnykh. Pod red.
G.G.Abrikosova i L.B.Levinsona. Izd.6. 1961. 561 p. Vol.2.
[Vertebrate zoology; Chordata] Zoologiya pozvonochnykh; khordovye.
Pod red. B.S.Matveeva. Izd.6. 1961. 473 p.

(MIRA 14:6)

(Zoology)

USSR / Zooparasitology. Parasitic Worms. Helminths of G
Plants.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24222.

Author : Paramonov, A. A.

Inst : Not given.

Title : Main Directions of Evolution of Phytonematodes
of the Orders Rhabditida and Tylenchida.

Orig Pub: Zool. zh., 1958, 37, No 5, 736-749.

Abstract: An analysis of the phylogeny of phytonematodes
of the orders Rhabditida and Tylenchida is given.
The suborder Rhabditata Chitw., 1933 is adapted
to saprobiotic life and partially to zooparasit-
ism (some species of Rhabditis, species Parasitor-
habditis family Rhabdisidae, Neaplectanidae and
others). Allomorphic type of evolution has led
the family Rhabditidae to flourishing. It is pos-

Card 1/3

APPROVED FOR RELEASE: 06/15/2000 CIA-RDP86-00513R001239210010-2"
USSR / Zooparasitology. Parasitic Worms. Helminths of G
Plants.

Abs Jour: Ref Zhur-Biol., No 6, 1959, 24222.

Abstract: sible that this group was the source of forms
not only of zooparasites, but also of phytonema-
todes (in a wide sense. Paramonov, 1952). The
family Diplogasteroididae Par., 1952 is the proof
of the origination of the suborder Diplogaster-
ata Par., 1952 from the family Rhabditida. Diplo-
gasterata also form allomorphic direction of evo-
lution, which is characterized by biological pro-
gress. They were partially emancipated from the
saprobiotic medium. The evolution of the suborder
Cephalobata Par., 1956 tends toward existence in
in the tissues of healthy plants and in the soil.
The "barrier" coefficient of cuticula increases
sharply in them; adaptations to the mechanical de-
struction of tissues of plants have been worked out.

Card 2/3

Card 3/3

GUSHANSKAYA, L.Kh., red.; PARAMONOV, A.A., red.; PETROV, A.M., red.;
POD*YAPOL'SKAYA, V.P., red.; SPASSKIY, A.A., red.; SHIKHOBALOVA,
N.P., red.; IVASHKIN, V.M., red. izd-va.; POLYAKOVA, T.V., tekhn. red.

[Papers on helminthology; on the 80th birthday of Academician
K.I.Skriabin] Raboty po gel'mintologii; k 80-letiu akademika
K.I.Skriabina. Moskva, Izd-vo Akad. nauk SSSR, 1958. 415 p.

(MIRA 11:12)

1. Vsesoyuznoye obshchestvo gel'mintologov.
(WORMS, INTESTINAL AND PARASITIC)

PARAMONOV, A.A.

Principal directions in the evolution of plant nematodes of the
orders Rhabditida and Tylenchida [with summary in English]. Zool.
zhur. 37 no.5:736-749 My '58. (MIRA 11:6)

1. Gel'mintologicheskaya laboratoriya Akademii nauk SSSR, Moskva.
(Nematoda)

PARAMONOV, A. A.

NEKRASOV, Aleksey Dmitriyevich; PARAMONOV, A. A., otvetstvennyy red.;
BELKIN, R.I., red.; KISELEVA, A.A., tekhn.red.

[Charles Darwin] Charlz Darwin. Moskva, Izd-vo Akad.nauk SSSR,
1957. 469 p. (MIRA 11:1)
(Darwin, Charles Robert, 1809-1882)

PARAMONOV, A. A.

K Revizii Nadsemeystya Aphelenchoidea Fuchs, 1937 (Nematoda: Tylenchata),
"Works on Helminthology" on the 75th Birthday of K. I. Skryabin, Izdat, Akad.
Nauk, SSSR, Moskva, p. 488
Helminthology Laboratory, AS USSR

PARAMONOV, A. A., 1945-

" On biology of garlic form of stem nematode." Dokl. TSKhA, IV, 94-96.

S0: Collection of Works on Nematodes of Agricultural Plants, Ed. by N. G. Mirlanova,
Gosizdat. Kolkhos i Sovkhoz Lit., 1939, Moscow-Leningrad N/5

634.5

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PARAMONOV, A. A., 1947-

"Materials for differential diagnostics of races of stem nematode." Same source, V, 153-156

SO: Collection of Works on Nematodes of Agricultural Plants, Ed. by E. S. Khr'yankova, Gosizdat. Kolxhoz i Sovkhoz Lit., 13, Moscow-Leningrad N/5

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"Garlic form of stem nematode - Ditylenchus dipsaci " (Kuehn, 1850). (Filologicheskii Muzei im K. A. Timiriszeva). Pp. 554-572, 7 illus.

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"Garlic form of the stem nematode - Ditylenchus" p. 571

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Gosizdat. Molkhoz i Sovkhoz Lit., 1937, Moscow-Leningrad N/5
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"Knowledge of saprozoic (saprozoinye) nematodes of the USSR." (Biologicheskii sbornik im. K. A. Timiriazeva). pp. 602-612, tables.

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"Treatise on Zoology" Vol. 1 (p.119) by Professors E.G. Bekker, I.I. Ezhikov, L.B. Levinson, A.A. Paramonov; Edited by B.S. Matveev and Prof. L.B. Levinson; Reviewed by D. van der Flaas

SO: Advances in Modern Biology (Uspekhi Sovremennoi Biologii) Vol. XV, 1942, No. 1

PARAMONOV, A. A.

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Doklady Moskovskogo Urdena Lenina Sel'skokhoziaistvennoi
Akademii imeni D. A. Timiriazeva, no. 2, 1945, pp. 94-96.
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SO: SIRA SI-70-53, 15 Dec. 1953

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Nematoda

Study of saprozoic nematoda of the U. S. S. R. Trudy Zool. inst. AN SSSR 9 no. 2, 1951

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2

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TRUDY ZOOLOGICHESKOGO INSTITUTA AKADEMII NAUK SSSR, 9(2): 554-572, 1951

PARAMONOV, A. A.

"Parasitic worms (Helminths) of animals and plants and the fight against them." Moscow, 1952, 112 pages with illustrations

SO: Vet., July 1952, Unclassified.

Moscow Society of the Explorers of Nature

PARAMONOV, A. A.

1952. Opyt ekologicheskoy klassifikatsii fitocenozov. Trudy sel'mingolozicheskoy laboratorii AN SSSR, t. VI: 338-369.

PARAMONOV, A.A.

**Study of the structure and function of phasids. Trudy Bel'm. lab.
7:19-49 '54. (MIRA 8:5)
(Nematoda)**

PARAMONOV, A.A.

Amoeboid organism in the role of destroyer of invading larvae of the
gall nematode. Trudy Gel'm.lab. 7:50-54 '54. (MIRA 8:5)
(Nematoda) (Myxomycetes)

PARAMONOV, A.A.

Reference: Zool. zhurn. 33 no.5:1002-1024 5-0 '54. (MLBA 7:11)

Specific characteristics of phytohelminths and their significance to agriculture. Zool.zhurn. 33 no.5:1002-1024 5-0 '54. (MLBA 7:11)

- 1. Gel'mintologicheskaya laboratoriya Akademii nauk SSSR.
(Botany--Pathology) (Worms, Intestinal and parasitic)**

PARAMONOV, A.A.; TURLYGINA, Ye.S.

Revision of the family Diplogasteroididae Paramonov, 1952
(Phasmidia: Diplogasterata). Zool. zhur. 34 no.3:522-531
Ny-Je '55. (MIRA 8:8)

1. Gel'mintologicheskaya laboratoriya AN SSSR.
(Nematoda)

PARAMONOV, Aleksandr Aleksandrovich; BRYUSHKOVA, Fira Ivanovna; SKRYABIN, K.I.,
akademik, otvetstvennyy redaktor; PEREDEL'SKAYA, N.M., redaktor
izdatel'stva; ASTAF'YEVA, tekhnicheskii redaktor

[The nematode *Ditylenchus destructor* in potatoes and methods of
controlling it] Steblevaia nematoda kartofelia i mery bor'by s neiu.
[Moskva] Izd-vo Akademii nauk SSSR, 1956. 110 p. (MIRA 9:10)
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ABRIKOSOV, G.G.; BANNIKOV, Andrey Grigor'yevich; BUKKER, M.G.; BOBRINSKIY, Nikolay Alekseyevich; LEVINSON, L.B.; MATVEYEV, Boris Stepanovich, professor; PARAMONOV, A.A.; GANZAYEVA, M.S., tekhnicheskiy redaktor

[A course in zoology; in two volumes] Kurs zoologii; v dvukh tomakh. Pod obshchei red. V.S.Matveeva. Izd. 5-e. Moskva, Gos. izd-vo "Sovetskaya nauka." Vol. 2. [Chordata] Khordovye. 1956. 443 p. (Chordata) (MLRA 10:2)

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Revision of the system of Rhabditata of plants. Trudy Gel'm.lab.
8:85-111 '56. (MLRA 9:8)
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no. 3:360-368 My-Je '57. (MIRA 10:6)
(EVOLUTION)

PARAMONOV, A.A.

Ecologic and taxonomic differentiation of Aphelenchoididae. Trudy
Gel'm. lab. 14:147-153 '64. (MIRA 17:10)

PARAMONOV, Aleksandr Aleksandrovich, doktor biol. nauk; SKRYABIN, K.I., akademik, Laureat Leninskoy i Gosudarstvennykh premiy Geroy Sotsialisticheskogo Truda, otv. red.; TURLYGINA, Ye.S., red. izd-va; LAUT, V.G., tekhn. red.; GUSEVA, A.I., tekhn. red.

[Fundamentals of plant helminthology] Osnovy fitogel'mintologii. Moskva, izd-vo Akad. nauk SSSR. Vol.1. [Origin of nematodes. Ecology and morphologic characteristics of plant nematodes. General principles of taxonomy] Proiskhozhdenie nematod. Ekologo-morfologicheskaya kharakteristika fitonematod. Obshchie printsipy taksonomii. 1962. 478 p. (MIRA 15:12)
(Nematode diseases of plants)

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Phytohelninthology, its problems and developmental prospects
[with summary in English]. Izv. AN SSSR Ser.biol. 24 no.1:3-15
Ja-F '59. (MIRA 12:2)

1. Laboratory of Helminthology, Academy of Sciences of the U.S.S.R.,
Moscow.

(NEMATODA)

(PLANT DISEASES)

PARAMONOV, A.A.

Principles of taxonomic differentiation in nematology [with
summary in English]. Zool.shur. 36 no.5:641-653 My '57.
(MIRA 10:7)

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(Nematoda)

PARAMONOV, A.A.

Some problems of the phylogeny of Rhabditata (Gerley, 1880)
Chitwood, 1933. Trudy Gel'm. lab. 16:101-108 '65. (MIRA 19:2)

PARAMONOV, A.F., inzh.

Operational aspects of electric power plants with topping turbines
and intermediate gas superheating of steam. Elek. sta. 29 no.2:
17-20 P '58. (MIRA 11:2)

(Steam turbines) (Steam power plants)

PAEAMONOV, A.F., inzh.

Operational aspects of electric power plants with topping turbines
and intermediate gas superheating of steam. Elek. sta. 29 no.2:
17-20 F '58. (MIRA 11:2)

(Steam turbines) (Steam power plants)

PARAMONOV, A. F.

ZALKIND, Ye.M., inzhener; PARAMONOV, A.F., inzhener

"Placing high-pressure steam boilers in service." V.M.Biman.
Reviewed by E.M.Zalkind, A.F.Paramonov. Elek.sta. 25 no.1:62-63
Ja '54. (MIRA 7:1)

(Steam boilers) (Biman, V.M.)

KAL'PA, S.F., professor; PARAMONOV, A.F., assistant

Modifications of sensitivity in the area of the first and second
branches of the trigeminal nerve in glaucoma. Vest.oft. no.3:33-
37 My-Je '55. (MIRA 8:6)

1. Iz kliniki glaznykh bolezney (zav. -akad. V.P.Pilatov). Odes-
skogo instituta.

(GLAUCOMA, physiology,
trigeminal nerve, sensitivity)

(NERVES, TRIGEMINAL, in various diseases,
glaucoma, sensitivity)

PARAMONOV, H.F.			
17	306. STEAM PARAMETER CONTROL AND HEAT STORAGE CAPACITY OF BOILERS. Paramonov, H.F. (Elektr. Sta. (Pwr Sta., Moscow), No. 556, Vol. 27, 12-19).		
	The perfect solution of the control of basic steam parameters in heating systems of high pressure power plants has not emerged. The ultimate answer to the problem may be found by studying ways of balancing the generation of energy in boiler furnaces with its release by turbines with coincident utilization of the heat storage capacities of all the elements of the heating system within safe limits. For most high pressure plants steam parameter control is reduced to the routine procedure of stabilizing the furnace process in boilers and changing over of booster regulation from pressure impulse to impulse from steam flow meter or temperature of gases after the steam superheater. (1).	fact	C.E.A.

PARAMONOV, A. G.

VOLODARSKIY, V.P.; ~~PARAMONOV, A.G.~~ (Zhdanov, Stalinskoy oblasti)

Case of porphyria disease. Vrach.delo no.4:409 Ap '57. (MIRA 10:7)

1. Gorodskoy kozhno-venerologicheskiy dispanser
(SKIN--DISEASES)

ZHUKOV, N.A.; MYTAREV, A.G.; ~~PARAMONOV, A.I.~~; SAFONOV, A.A.;
SILKIN, N.P.; SLUTSKIY, Ya.L.; ~~FROLKOV, P.P.~~;
KUZNETSOVA, L.G., red.

[Centralized repair of hydraulic systems; work practice of
the Mikhailov Regional Association of "Sel'khoztekhnika"
of Ryazan Province] Tsentralizovannyyi remont gidrosistem;
opyt raboty Mikhailovskogo raionnogo ob"edineniia "Sel'-
khoztekhnika" Riazanskoi oblasti. Moskva, Biuro tekhn.
informatsii, 1964. 14 p. (Peredovoi opyt i predlozheniia.
Seria 1. Remont mashinnotraktornogo parka) (MIRA 18:5)

PARAMONOV, A.N.

Using the principles of discrete calculation in the transfer of
deep-sea measurements. Okeanologiya 1 no.4:710-716 '61.
(MIRA 14:11)

1. Morskoy gidrofizicheskiy institut AN SSSR.
(Oceanographic instruments)

S/196/62/000/006/007/018
E194/E154

AUTHORS: Neuymin, G.G., and Paramonov, A.N.

TITLE: A photo-electric photometer for measuring
under-water illumination

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika,
no.6, 1962, 3, abstract 6 V13. (Okeanologiya, v.1,
no.5, 1961, 904-910)

TEXT: The photometer consists of two selenium photocells
with colour filters fitted in a waterproof container, an
electronic recording instrument and control panel which are
installed aboard ship. The instrument is provided with an
electrical pressure pick-up which measures the depth to within
2-3 metres. In the top and bottom of the container there are
two apertures closed by convex hemispherical covers of
transparent plastic so that the upper and lower under-water
illumination can be measured. The range is from a few lux to
some tens of thousands of lux; the repeatability of readings
is 2 - 3%, the error is 5 - 10%; the maximum depth of immersion
Card 1/2

✓

A photo-electric photometer for ...

S/196/62/000/006/007/018
E194/E154

is 300 - 350 m. To overcome the influence of variations in the illumination of the water surface the instrument is provided with an additional photocell aboard ship which directly measures the illumination of the water surface. The circuit diagram and construction of the instrument are described and results are given of the measurements carried out in the Atlantic Ocean and the Black Sea. There are 6 figures. ✓

ASSOCIATION: Morskoy gidrofizich. in-t AN SSSR)
(Marine Hydrophysical Institute, AS USSR)

[Abstractor's note: Complete translation.]

Card 2/2

S/169/62/000/005/064/093
D228/D307

AUTHORS: Neuymin, G. G. and Paramonov, A. N.
TITLE: Photoelectric photometer for measuring underwater illuminance
PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1962, 9, abstract 5V62 (Okeanologiya, 1, no. 5, 1961, 904-910)
TEXT: A photoelectric photometer for measuring underwater illuminance, developed and produced at the Chernomorskoye otdeleniye Morskogo gidrofizicheskogo in-ta (Black Sea Division, Marine hydrophysical Institute), is thoroughly described. The device was successfully employed on several expeditions aboard the electric vessel "M. Lomonosov". The instrument was mainly assembled from standard parts and was fitted with an electric pressure pickup, which ensures the measurement of the immersion depth with a precision of 2 - 3 m. The device's maximum immersion depth is 300 - 350 m. The accuracy of the underwater illuminance measurement equals 5 - 10% of the measured value. All readings are recorded on

Card 1/2

Photoelectric photometer for ...

S/169/62/000/005/064/093
D228/D307

a standard electric potentiometer of the type ЭПП-09 (EPP-09) or ПС-01 (PS-01). The device's operation and its operating control are centralized at a control desk situated by the recorder. The measurement procedure, the instrument's calibration, and the processing of the observational results are stated, and some results are also given for the device's employment in marine environments. The authors cite curves of the relative illuminance variation, constructed from the measurement data, for different spectral regions; measurements at one of the hydrologic stations; and graphs of the dependence of the relative illuminance on the depth with a blue light-filter for different regions of the Atlantic. The cited graphs show that the photometer gives a satisfactory precision for measuring the underwater illuminance. It is concluded that the device ensures the procurement of sufficiently complete data about the spectral composition and the light regime in the depths of the sea. [Abstracter's note: Complete translation.]

Card 2/2

NEUYMIN, G.G.; PARAMONOV, A.N.

Detecting the place of cable core breaks. Prib. i tekhn. eksp.
6 no. 6:133-134 N-D '61. (MIRA 14:11)

1. Morskoy gidrofizicheskiy institut AN SSSR.
(Electric cables--Testing)

LAVROV, V.P.; LYAMIN, E.A.; PARAMONOV, A.N.; ROMANOV, B.M.; SHMATKO, B.A.

Apparatus for sight-guided trawling within various depths. *Okeanologia*
3 no.1:137-142 '63. (MIRA 17:2)

1. Kaliningradskoye otdeleniye Morskogo gidrofizicheskogo instituta AN
SSSR.

NEUYLIN, G.G.; SOROKINA, N.A.; PARAMONOV, A.N.; PRUSHCHIN, V.N.

Some results of optical investigations in the northern part
of the Atlantic Ocean. Trudy Mor. gidrofiz. inst. AN URSS
29:64-75 '64. (MIRA 17:7)

PARAMONOV, A.N.

Marine pulse photometer-irradiance meter. Okeanologiya
4 no.2:314-321 '64. (MIRA 17:5)

1. Moskovskiy gosudarstvennyy universitet, kafedra fiziki
morya i vod sushi.

L 20763-66 INT(1) GW

ACC NR: AP502/358

(N)

SOURCE CODE: UR/0362/65/001/011/1190/1195

AUTHOR: Neuymin, G. G.; Paranogov, A. N.

26

ORG: Marine Institute of Hydrophysics (Morskoy gidrofizicheskiy institut)

B

TITLE: The distribution of suspended matter in the deep-water part of the Black Sea

1255

SOURCE: AN SSSR. Izvestiya. Fizika atmosfery i okeana, v. 1, no. 11, 1965, 1190-1195

TOPIC TAGS: hydrology, hydrodynamics, ocean dynamics

ABSTRACT: The results of the instrumental measurements "in situ" of the vertical distribution of suspended matter in the deep-water part of the Black Sea during the summer season are presented. The suspended matter distribution with depth is shown to have a similar character for the central parts of the sea. Distribution of suspended matter reflects the hydrological structure of water in many respects. On the basis of correlation between results obtained and hydrological and hydrodynamic characteristics a conclusion is drawn about the three layer dynamic structure of abyssal regions of the Black Sea. Orig. art. has: 3 figures. [Based on author's abstract.]

SUB CODE: 08/ SUBM DATE: 10Jun65/ ORIG REF: 012/ OTH REF: 003/

Card 1/1

UD#: 551.463.8

PARAMONOV, A.N.

Some results of measuring ~~the~~ character of distribution of
suspended matter in the Black Sea. (Geanologiya 5 no.1:89-93
'65. (MIRA 18:4)

1. Moskovskiy gosudarstvennyy universitet, kafedra fiziki
morya i vod sushi.

AEC NR. AT6023556

(N)

SOURCE CODE: UR/3095/66/036/000/0037/0050

AUTHOR: Paramonov, A. N.; Neuymin, G. G.; Man'kovskiy, V. I.; Prokhorenko, Yu. A.

ORG: None

TITLE: Hydroacoustic telemetry system for sea water transparency

SOURCE: AN UkrSSR. Morskoy gidrofizicheskiy institut. Trudy, v. 36, 1966. Metody i pribory dlya issledovaniya fizicheskikh protsessov v okeane (Methods and instruments for studying physical processes in the ocean), 37-50

TOPIC TAGS: oceanographic equipment, oceanographic instrument, ~~oceanographic ship~~, oceanography, electronic equipment, acoustic equipment, ~~acoustic signal~~, ocean acoustics, underwater acoustics, hydrography, photometer, **TELEMETRY SYSTEM**, underwater optics

ABSTRACT: The results of work conducted for some years in the Maritime Hydrophysical Institute of the Academy of Sciences of the Ukrainian SSR in designing equipment for deepwater optical measurements is the basis for this description of the fourth model of a marine pulse photometer-transparency meter with acoustic communication between the submerged sensor measuring transparency and the expeditionary ship. A block schematic shows the major components of the system, and the general requirements which the system was designed to meet are enumerated. Specific parameters to be met by the optical system itself are also listed. The optical system is discussed in detail. The discussion devoted to test connections of the submerged transparency

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ACC NO: AT6023556

measuring element concludes with the fact that the most favorable types for a photometer-transparency meter are those operating on the principle of simultaneous comparison of two light streams. The bulk of the discussion is devoted to the acoustic transmission of the measured information, which is still in the experimental stage, as well as to the receiver (and amplifiers) required for registration and recording of the data. The basic technical characteristics for transmission of transparency meter data via hydroacoustic channels are cited. Orig. art. has: 5 figures.

SUB CODE: 08,20/SUM DATE: None/ORIG REF: 009

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PARAMONOV, Aleksey Yakovlevich

Aviatsiya v bor'be s leynymi vreditel'ny v SSSR.

Moskva, 1989.

76p. diagr., tables. (Institut po Izucheniyu SSSR. Publ.

Ser. 1, No. 49)

Summary in English.

Bibliographical footnotes.